

Wilkins Creek Basin

Lake Sammamish Watershed

City Basin Population (2000): 1,743

Basin Areas: 300 Total Acres

City 300 Acres

Drainage Jurisdictions: Bellevue

% Impervious 41%

Basin Relief 250 ft

Basin Energy 5.0

Basin Length 1.1 mi

Average Basin Width 0.4 mi

Total Length of Open Channel 1,742 ft

Land Use Within the City Area

Single family residential 68%

Multi-family residential 4%

Commercial/Office 0%

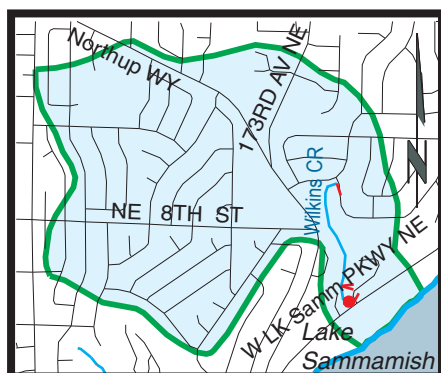
Industrial 0%

Institutional/Government 4%

Open Space/Park 1%

Mixed use/Misc. 0%

Public streets 23%



SCALE 1" = 2400'

Fish Use: This stream, listed as 08-0151 in the State WRIA system, begins near the top of the north-to-south till ridge that separates Lake Sammamish and Lake Washington. The stream flows east-southeast down a steep ravine to the base of the ridge; there the gradient lessens as it flows under West Sammamish Parkway and into Lake Sammamish.

There is no historical or contemporary record of fish use of this stream. Williams et al. (1975) indicate an impassable cascade in the ravine just upstream of West Lake Sammamish Parkway marking the limit to anadromous fish use of the system. City of Bellevue personnel indicate that subsequently the stream channel has been extensively modified with much of the flow placed in pipes (B. Morgenroth, City of Bellevue, interview 2000). No fish were observed in Wilkins Creek during a qualitative electrofishing survey by The Watershed Company in 1997 (Johnston, 13 May 1997). Fish use is limited by steep gradient, low water flows, and barriers to fish migration from Lake Sammamish.